MG&E-Rates

3270-UR-120

Transcript of Proceedings

Volume 1

Prehearing Conference

June 27, 2014

ORIGINAL



 $Innovation \cdot Expertise \cdot Integrity$

800.899.7222 • www.GramannReporting.com

MILWAUKEE 414.272.7878 • FAX: 414.272.1806 • 740 North Plankinton Ave, Suite 400, Milwaukee, WI 53203

MADISON 608.268.0435 • FAX: 608.268.0437 • 14 West Mifflin Street, Suite 311, Madison, WI 53703

1	BEFORE THE
2	PUBLIC SERVICE COMMISSION OF WISCONSIN
3	
4	APPLICATION OF MADISON GAS AND)
5	ELECTRIC COMPANY FOR AUTHORITY TO) Docket No. CHANGE ELECTRIC AND NATURAL GAS RATES) 3270-UR-120
6	
7	
8	EXAMINER MICHAEL NEWMARK, PRESIDING
9	TRANSCRIPT OF PROCEEDINGS
10	VOLUME 1
11	PREHEARING CONFERENCE
12	ORIGINAL
13	UNIGINAL
14	
15	Reported By:
16	LYNN M. BAYER, RPR, RMR, Gramann Reporting, Ltd.
17	(414) 272-7878
18	
19	HEARING HELD: TRANSCRIPT PAGES:
20	June 27, 2014 1 - 23, Incl.
21	Public Service Commission EXHIBITS: Madison, Wisconsin
22	(None.) 2:00 p.m.
23	2.00 p.m.
24	
25	

1	APPEARANCES
2	
3	ON BEHALF OF MADISON GAS AND ELECTRIC COMPANY
4	EDWIN HUGHES and BRYAN KLEINMAIER, Stafford
5	Rosenbaum LLP, 222 West Washington Avenue, Suite 900,
6	P.O. Box 1784, Madison, Wisconsin 53701-1784.
7	
8	ON BEHALF OF ENVIRONMENTAL LAW & POLICY CENTER
9	STEPHANIE CHASE, Environmental Law & Policy Center,
10	222 South Hamilton Street, Suite 14, Madison, Wisconsin
11	53703.
12	
13	ON BEHALF OF DANE COUNTY
14	CARLOS PABELLON and DAVID MERRITT, 210 Martin Luther
15	King Junior Boulevard, Madison, Wisconsin 53703.
16	
17	ON BEHALF OF RENEW WISCONSIN
18	DAVID BENDER, McGillivray, Westerberg & Bender, LLC,
19	211 South Paterson Street, Suite 320, Madison, Wisconsin
2.0	53703.
21	Also Present: MICHAEL VICKERMAN and TYLER HUEBNER
22	
23	ON BEHALF OF CLEAN WISCONSIN
24	KATIE NEKOLA and PAMELA RITGER, 634 West Main
25	Street, Suite 300, Madison, Wisconsin 53703.

1	ON BEHALF OF WIND ON THE WIRES
2	JEFF VERCAUTEREN, Cullen, Weston, Pines & Bach, LLP,
3	122 West Washington Avenue, Suite 900, Madison, Wisconsin
4	53703.
5	
6	ON BEHALF OF CITIZENS UTILITY BOARD OF WISCONSIN
7	KIRA LOEHR and JAMES WOYWOD, 16 North Carroll
8	Street, Suite 640, Madison, Wisconsin 53703.
9	
10	ON BEHALF OF BOARD OF REGENTS AT THE UNIVERSITY OF
11	WISCONSIN SYSTEM
12	ANDREW NORMAN, Office of Legal Affairs, University
13	of Wisconsin-Madison, 361 Bascom Hall, 500 Lincoln Drive,
14	Madison, Wisconsin 53706.
15	
16	ON BEHALF OF NATIONAL RESOURCES DEFENSE COUNCIL
17	SAMANTHA WILLIAMS (via teleconference), National
18	Resources Defense Council, 20 North Wacker Drive, Suite
19	1600, Chicago, Illinois 60606.
20	
21	ON BEHALF OF AIRGAS AND WISCONSIN INDUSTRIAL ENERGY GROUP
22	STEVEN HEINZEN, Heinzen Law, S.C., 2 East Mifflin
23	Street, Suite 402, Madison, Wisconsin 53703.
24	
25	

1	ON BEHALF OF WISCONSIN INDUSTRIAL ENERGY GROUP
2	TODD STUART, Executive Director, Wisconsin
3	Industrial Energy Group, 10 East Doty Street, Suite 800,
4	Madison, Wisconsin 53703.
5	
6	ALSO PRESENT: BLAKE BAXTER, MEP Solutions
7	
8	OF THE COMMISSION STAFF
9	MICHAEL VARDA, Legal Counsel
10	Jeff Ripp
11	Jodee Bartels
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

6/27/2014

1

(Discussion off the record.)

12

13

14

15

16

17

18

19

20

21

22

EXAMINER NEWMARK: We'll get on the So this is the prehearing conference. record. We're here to identify the parties, issues, schedule, and other facilitating matters. So in terms of parties, we have -- well, let me just make sure we all have gotten the prehearing conference memo, the draft of that. Has everyone seen that? And we have the applicant and parties listed. with the addition of NRDC, that would be all the people who have intervened. Any objections to that list of intervenors?

> MR. HUGHES: No.

EXAMINER NEWMARK: No? All right. Well, there you go. You're all parties in the case. we can move on to issues.

MR. VARDA: The National Resources Defense Council will be added onto this draft?

EXAMINER NEWMARK: Yeah, with the addition of that. So there will be 12 intervenors altogether. Any issues? Any problems with the issues?

MR. HUGHES: Your Honor, MG&E is fine with the statement of the issues. Speaking of the issues, there have been some discussions among the

24

25

applicant and some of the parties about ways to streamline the issues in this case proceeding. I don't know if this is an appropriate time to describe those.

EXAMINER NEWMARK: Now is better than never.

MR. HUGHES: Actually, I have a little statement to describe what we're doing and why we're doing it, if the Judge would indulge.

EXAMINER NEWMARK: Sure. Go ahead.

MR. HUGHES: MG&E's rate case application presents a number of important policy issues about how all customers should be fairly and appropriately charged for the cost of reliable electric service and the value the electric grid provides to those who use it. This case also raises important issues regarding the role a public utility like MG&E, with an obligation to provide service to all customers, can play in a world of changing technologies.

Before filing its application, MG&E met with community stakeholders to preview its filing and explain the reasons behind its proposals. MG&E has continued outreach since the application was filed. During these discussions, it became clear that a broad range of stakeholders recognize the

significance and complexity of the issues that MG&E's application attempts to address. This raises a question of whether the time available to us in this rate case will be sufficient to undertake the type of careful analysis and exploration of the range of feasible options that these important issues deserve.

Consequently, MG&E was receptive when
Citizen Utility Board's acting executive director,
Ms. Loehr, contacted us to suggest an alternative
approach to the rate case that would enable us to
consider the rate design issues in a more focused
and deliberative fashion. Through subsequent
conversations, MG&E and CUB have arrived at an
approach that we believe best serves the interests
of MG&E's customers. As a result of our discussions
with CUB, MG&E will make the following changes to
its rate case filing.

First, MG&E will suspend its request for new demand charges for customer groups that currently do not pay demand charges, subject to a reopener of this proceeding for the 2016 test year. Second, MG&E will reduce its requested grid connection service charge for 2015 to \$4.03 per bill per month for residential customers, Rg-1 and Rg-2,

and small commercial and industrial customers, Cg-3 and Cg-5. CUB has agreed not to contest the customer charge and grid connection service charge for the Rg-1, Rg-2, Cg-3 and Cg-5 customer classes during this stage of the proceeding.

Third, MG&E will suspend its rate design proposals for 2016 for the Rg-1, Rg-2, Cg-3 and Cg-5 customer groups. Fourth, MG&E and CUB will work together in good faith over the next six to nine months to explore electric rate design approaches that appropriately consider how MG&E can continue to meet its obligations to serve all customers, maintain a reliable electric grid, and harness the benefits of evolving distributed generation for the benefit of all customers.

Fifth, following the collaborative process, MG&E will file a reopener of this proceeding for the 2016 test year. Among the reopener issues will be rate design for the 2016 test year for the Rg-1, Rg-2, Cg-3 and Cg-5 customer groups. Nothing in this agreement MG&E has reached with CUB will restrict MG&E or CUB from advocating any position in the reopener proceeding. And, finally, MG&E will promptly file supplemental direct testimony that amends its application to reflect

1 these changes.

MG&E appreciates CUB's constructive suggestions about procedure as well as the feedback the company has received from all stakeholders. We look forward to working through these complex and important issues and arriving at a rate structure that fairly and reasonably balances the interests of the company and all its customers.

I have copies of these if anyone wants it. And just to be clear, we are reducing the grid connection service charge and that will require that we file supplemental direct testimony that proposes a different set of rates for 2015. And so given the revenue requirement, the energy charge will have to go up slightly to reflect the decrease in the fixed charge.

EXAMINER NEWMARK: Okay. So let me just understand. This isn't changing revenue requirement or cost of service, just rate design issues is what you're --

MR. HUGHES: Just rate design for those four customer classes.

EXAMINER NEWMARK: Okay. And I should probably ask Ms. Loehr if it was accurately described in terms of what CUB's agreeing to.

MS. LOEHR: I have a reaction to that, if you have a moment.

EXAMINER NEWMARK: I sure do. Go ahead.

MS. LOEHR: CUB had significant concerns with MG&E's proposal to increase fixed charges for residential and small business customers to nearly \$50 per month in 2016 with the possibility of an increase to nearly \$70 per month in 2017. Thus, CUB appreciates MG&E's willingness to suspend those proposals, consider additional input and devote more time to work through the complex and important issues raised as a result of MG&E's application.

CUB believes that Mr. Hughes' statement accurately captures the discussions between CUB and MG&E. CUB also notes that its decision not to contest the customer charges and grid connection charges for the 2015 test year is reflective of the give-and-take between CUB and MG&E, does not reflect CUB's position on the appropriateness of those levels, and should not be considered precedential in the reopener of this proceeding or any other proceeding.

CUB looks forward to working with MG&E to explore alternative ways for MG&E to fairly and appropriately recover costs of providing safe,

1	reliable and affordable electric service into the
2	future.
3	EXAMINER NEWMARK: Okay. I'm sure this
4	isn't a surprise to most of you. So are there any
5	other comments on the statement from CUB and the
6	company?
7	MR. VERCAUTEREN: Well, I have something
8	to say.
9	EXAMINER NEWMARK: Yeah, go ahead.
10	MR. VERCAUTEREN: Jeff Vercauteren
11	representing Wind on the Wires. I you know, Wind
12	on the Wires is relatively new to the rate case
13	process; and I think we find it highly unusual that
14	two of the parties would come to an agreement
15	outside of a dialogue with the other parties to this
16	case.
17	We have I think 12 intervenors in this
18	case now, and I think to find out about this
19	agreement at the prehearing conference is highly
20	unusual for us.
21	EXAMINER NEWMARK: Okay. So other parties
22	weren't informed about this until now; is that what
23	I'm to understand?
24	MR. HUGHES: Not all were. Many were.
25	EXAMINER NEWMARK: And in terms go

2.0

ahead.

MR. NORMAN: Andrew Norman. We weren't informed, I'm assuming it's because it doesn't affect us, and that's what I understand from what was just read into the record. So I guess I'd just like to confirm that.

EXAMINER NEWMARK: All right. Well, I guess we'll see in terms of MG&E's supplemental direct, when do you expect that'll be filed?

MR. HUGHES: Well, we had discussed a deadline of that for supplemental direct of July 18th. It will be prior to or on July 18th, we'll get it filed as soon as we can.

EXAMINER NEWMARK: Okay. Yeah, I mean, that's -- so you have announced the agreement between CUB and MG&E. I'm not sure if that's a request for me to do anything. I don't know if there is something that you're looking for me to do at this point.

MR. HUGHES: I don't think so.

EXAMINER NEWMARK: Okay.

MR. HUGHES: It certainly doesn't bind any other parties. They're free to argue whatever their position is as to any of the issues that we will be presenting in the case.

EXAMINER NEWMARK: Okay. That's correct. So just so everyone's clear, yeah, that is how we'll run this case in terms of this agreement does not affect any of the presentations of the other parties. So, yes, go ahead.

MR. VARDA: Staff would say that it isn't just strictly that it doesn't affect other parties' presentations. In a sense, the initial case of MG&E has been narrowed and the opponents have to look at what is the case being made by MG&E and respond to that and not view this case as a forum for extraneous issues that would have been included in the original presentation, but no longer are part of the scope of the evidence to which MG&E is directing its case. This should have a narrowing effect, but I don't want to be more descriptive in my view than that.

MS. WILLIAMS: Your Honor, this is Samantha Williams from NRDC on the phone. I have a quick question.

EXAMINER NEWMARK: Yeah, go ahead.

MS. WILLIAMS: This is strictly to be directed toward CUB or the attorney for MG&E. You had mentioned the collaborative process that would last I think you said eight to nine months at which

point you would file the reopener, and that the
issues to be discussed would be the rate design for
2016 and 2017.

Understanding that you've come to this

agreement only with CUB at this point, do you intend to involve any of the other intervenors in that collaborative process?

MR. HUGHES: The details of the collaborative process haven't been worked out, and we will -- we're open to discussing with anyone what, you know, how that process will work and the structure in which we'll go forward, although MG&E anticipates working with CUB primarily on it. But, you know, we're open to discussions about how it will be structured and the range of other parties' involvement.

And you had mentioned that the reopener will be for 2016 and '17. It would only be for 2016.

MS. WILLIAMS: I see. Thank you for clarifying.

EXAMINER NEWMARK: Okay. Yeah. I'm not really sure if there is -- I mean, Mr. Varda mentioned the limiting effect of the supplement -- that the supplemental application will have on the

case. But in terms of the policy issue of the network connection charge, I think that's one of first impression; and I don't -- I think in terms of that especially there will be opportunity for parties to raise anything they want on that regard. I mean, there won't be -- I suppose there wouldn't necessarily need to be testimony on what the company had originally proposed, but -- and I think that what was described as the supplemental really doesn't change the substance of the proposal, just the amount, just the, you know, the...

MR. HUGHES: Well, it does change it in the sense that the demand charges are not on the table at this point. And the -- well, the significant increases in the 2016 rates are no longer -- for those four customer groups are no longer in the case.

EXAMINER NEWMARK: Okay. Well, does anyone have --

MR. BENDER: Your Honor, nothing on the substance. But on the procedure, the supplemental or I understand to be the supplemental direct testimony that is coming in is, if I understand correctly, more like replacement testimony of at least one, maybe a couple witnesses, which the first

round took up a large part of their testimony. So just making sure that the parties have time once that comes in to fully digest it and to respond.

Because otherwise it -- you know, we've had the first round of testimony for a while; but, you know, that time may be of no benefit depending on what comes in as the next round of testimony.

EXAMINER NEWMARK: Well, the direct for intervenors and staff will be September 9th according to the schedule. And I guess we're -- Mr. Hughes represents a mid July date for the filing of supplemental direct. Is that not going to be enough time or do you need to see it first or -- ?

MR. VARDA: Staff would interject that we had discussions about any supplemental direct and the character of it has now changed. But that July 18 deadline is a great imperative for the staff in the ability to continue DR requests to MG&E and to be able to timely prepare testimony. We do not at all favor any filing date later than July 18.

EXAMINER NEWMARK: Okay.

MR. HUGHES: Your Honor, I think -- the case will be simplified in that part of what we had filed will be withdrawn. The only thing that I believe will be changed is the specific rate design

1	for 2015 for these four customer classes. And the
2	customer or the grid connection service charge
3	will be reduced to the extent that I described, and
4	then there will be a corresponding increase in the
5	energy charge. But that will be the only change in
6	what we file that will continue to be a part of the
7	case.
8	EXAMINER NEWMARK: Okay. Okay. Well, I'm
9	satisfied that this schedule should work if that's
10	the case.
11	MR. HUGHES: And just to be clear, we had
12	discussed before, there will be a couple of other
13	items for supplemental direct that will be possibly
14	pension changes and some testimony regarding the
15	WPDES settlement and the ERGS matter and rate
16	recovery for that and one other topic, limited topic
17	which I can't think of at the moment.
18	MR. VARDA: The PGA?
19	MR. HUGHES: Pardon?
20	MR. VARDA: The PGA?
21	MR. HUGHES: Yeah, that's right,
22	Mr. Minor's testimony. Thank you.
23	EXAMINER NEWMARK: And you think that can
24	all come in by the 18th of July?
25	MR. HUGHES: Oh, sure.

EXAMINER NEWMARK: Okay. We'll set that as a deadline then, and then that should be enough time for parties. Anything else with the issues then?

MR. VARDA: I had one question I direct to MG&E's counsel about when you use the concept in your statement regarding distributed generation, can you give us any more detail respecting the definition that you have in mind or is that part of the collaborative process?

MR. HUGHES: Well, I'm really not in a position to give you a fully-fleshed-out definition of the term, but I think it -- the evolving technology that's being utilized and incorporated into the grid is something that will be a subject of discussion in how that affects MG&E's cost of doing business and rate design.

EXAMINER NEWMARK: Okay. Anything else with the issues? No?

All right. We'll move on to schedule.

We'll add July 18th for supplemental direct. And I suppose it's more accurate to describe the next round as intervenor and staff direct testimony.

I'll make that change. But I -- in terms of intervenor testimony, I'm curious as to whether --

there's a number of parties here; and I don't know if parties have conferred about their interests in particular in the case and if some are aligned in a certain way, if they could file joint testimony, or is that -- do you think that will be a possibility or not?

MS. NEKOLA: We haven't discussed that with anybody.

MR. PABELLON: Your Honor, the City of Monona and County of Dane and City of Madison had preliminary discussions on how to proceed in a way that we could more efficiently present our case per the PSC's suggestion, but we don't have anything definitive at the moment.

encourage parties if they are aligned, that if they file joint testimony, that would just keep the amount of -- the volume in the case down, I suppose. But of course that's not a requirement, so I won't hold you to it now.

So anything else with the schedule? I wonder if the parties know if they're interested in having two rounds of briefing because we only have a deadline for the reply brief right now. So we could set a date now or we could wait until the end of the

hearing. It's up to you.

I just think th

I just think there's probably a date right in the middle here after the hearing and before the reply brief is due that would probably make sense.

So we just set a date in the middle there.

MR. HUGHES: Your Honor, I would suggest for discussion purposes Monday, October 13th.

EXAMINER NEWMARK: Okay. Any comments on that? No?

All right. Well, we'll set initial brief for Monday, the 13th of October.

All right. So in terms of facilitating matters, anything we need to discuss, comments on the memo or any other issues?

MR. VERCAUTEREN: I have one question. I don't know if this is the appropriate time to ask it or not, but we'll see how it goes. I believe that CUB had filed its IC application contemplating to provide expert testimony on rate design issues. So I guess I have a question for CUB of whether they plan to revise that IC application, I'm not sure if the order was already received, such that there would be funds available for other intervenors to provide testimony on that issue.

MS. LOEHR: I think regardless of what CUB

does with the intervenor compensation award it received, the intervenor compensation fund has a significant amount of dollars remaining in it at this point and there is no indication that reducing CUB's award is necessary at this point in order to allow additional parties the opportunity to receive intervenor compensation.

Because CUB intends to work with MG&E on exactly the same issues identified within the application, we will be confirming whether the order needs to change in any way, but we expect to continue to use the funds exactly as we identified and were awarded.

MR. VERCAUTEREN: I guess my only question is whether -- I think in other cases the Commission has looked at whether -- in terms awarding IC of whether the same intervenors are testifying on the same issues. So I guess to the extent there is that risk of a view of overlap, maybe -- I guess that is something we'll just have to deal with if other parties are going to file for IC. But I guess I just wanted to raise that potential issue at this point.

EXAMINER NEWMARK: Okay. That's fine.

All right. So any other questions? All right.

1 STATE OF WISCONSIN 2 MILWAUKEE COUNTY 3 4 I, LYNN M. BAYER, RMR, Certificate of Merit 5 Reporter with the firm of Gramann Reporting Company, 740 North Plankinton, Suite 400, Milwaukee, Wisconsin, do 6 7 hereby certify that I reported the foregoing proceedings, 8 and that the same is true and correct in accordance with 9 my original machine shorthand notes. 10 DATED THIS 7th DAY OF July, 2014. 11 Lynn M Bayer 12 13 14 Lynn Peppey Bayer 15 Certificate of Merit Reporter 16 BAYER 17 18 19 20 21 22 23 24

WORD INDEX

<\$> \$4.03 7:24 \$50 10:7 \$70 10:8

<1>
1 1:10, 20
10 4:3
12 5:20 11:17
122 3:3
13th 20:7, 11
14 2:10
16 3:7
1600 3:19
17 14:18
1784 2:6
18 16:17, 20
18th 12:12, 12 17:24
18:21

< 2 >**2** 3:22 2:00 1:22 **2:25** 22:3 **20** 3:18 **2014** 1:20 23:10 **2015** 7:24 9:13 10:17 17:*1* **2016** 7:22 8:7, 18, 19 10:7 14:3, 18, 19 15:15 **2017** 10:8 14:3 **210** 2:14 **211** 2:19 **222** 2:5, 10 23 1:20 27 1:20 **272-7878** 1:17

<3>300 2:25 320 2:19 3270-UR-120 1:5 361 3:13

<4>> 400 23:6 402 3:23 414 1:17

<5>500 3:13 53701-1784 2:6 53703 2:11, 15, 20, 25 3:4, 8, 23 4:4 53706 3:14

<6>60606 3:19 634 2:24 640 3:8

<7> **740** 23:5 **7th** 23:10

<8> 800 4:3

<9>
900 2:5 3:3
9th 16:9

< A > ability 16:18 able 16:19 accurate 18:22 accurately 9:24 10:14 acting 7:9 add 18:21 **added** 5:18 addition 5:10.19 additional 10:10 21:6 address 7:2 adjourn 22:1 adjourned 22:3 advocating 8:22 Affairs 3:12 affect 12:4 13:4, 7 affordable 11:1 agreed 8:2 agreeing 9:25 agreement 8:21 11:14, 19 12:15 13:3 14:5 ahead 6:10 10:3 11:9 12:*I* 13:5, 2*I* AIRGAS 3:21 aligned 19:3, 16

altogether 5:21 amends 8:25 amount 15:11 19:18 21:3 analysis 7:5 ANDREW 3:12 12:2 announced 12:15 anticipates 14:13 anybody 19:8 applicant 5:9 6:1

alternative 7:10 10:24

allow 21:6

APPLICATION 1:4 6:11, 20, 23 7:2 8:25 10:12 14:25 20:18, 21 21:10

appreciates 9:2 10:9 approach 7:11, 15 approaches 8:10 appropriate 6:3 20:16

appropriate 0.3 20.70 appropriately 6:13 8:11 10:25

appropriateness 10:19 argue 12:23 arrived 7:14

arriving 9:6 assuming 12:3 attempts 7:2 attorney 13:23 AUTHORITY 1:4 available 7:3 20:23 Avenue 2:5 3:3 award 21:1,5 awarded 21:13 awarding 21:16

< B > **Bach** 3:2 balances 9:7 Bartels 4:11 **Bascom** 3:13 BAXTER 4:6 **BAYER** 1:16 23:4, 14 **BEHALF** 2:3, 8, 13, 17, 23 3:1, 6, 10, 16, 21 4:1 **believe** 7:15 16:25 20:17 **believes** 10:13 BENDER 2:18, 18 15:20 **benefit** 8:15 16:6 benefits 8:14 best 7:15 better 6:5 bill 7:24 bind 12:22 BLAKE 4:6 BOARD 3:6, 10 Board's 7:9 Boulevard 2:15 Box 2:6 brief 19:24 20:4, 10 briefing 19:23 **broad** 6:25 BRYAN 2:4

< C > captures 10:14 careful 7:5 CARLOS 2:14 Carroll 3:7 case 5:15 6:2, 11, 16 7:4, 11, 18 11:12, 16, 18 12:25 13:3, 8, 10, 11, 15 15:1, 17 16:23 17:7, 10 19:3, 12, 18 cases 21:15 **CENTER** 2:8, 9 certain 19:4 certainly 12:22 Certificate 23:4, 15 certify 23:7 Cg-3 8:1, 4, 7, 20 Cg-5 8:2, 4, 7, 20 **CHANGE** 1:5 15:10, 12 17:5 18:24 21:11 changed 16:16, 25

business 10:6 18:17

changes 7:17 9:1 17:14 **changing** 6:19 9:18 character 16:16 charge 7:24 8:3, 3 9:11, 14, 16 15:2 17:2, 5 charged 6:14 charges 7:20, 21 10:5, *16*, *17* 15:*13* CHASE 2:9 Chicago 3:19 Citizen 7:9 CITIZENS 3:6 City 19:9, 10 clarifying 14:21 classes 8:4 9:22 17:1 **CLEAN** 2:23 clear 6:24 9:10 13:2 17:11 collaborative 8:16 13:24 14:7.9 18:10 come 11:14 14:4 17:24 comes 16:3, 7 coming 15:23 comments 11:5 20:8, 13 commercial 8:1 **COMMISSION** 1:2, 21 4:8 21:15 community 6:21 **COMPANY** 1:4 2:3 9:4, 8 11:6 15:7 23:5 compensation 21:1, 2, 7 complex 9:5 10:11 complexity 7:1 concept 18:6 concerns 10:4 CONFERENCE 1:11 5:3, 7 11:19 conferred 19:2 confirm 12:6 confirming 21:10 **connection** 7:24 8:3 9:11 10:16 15:2 17:2 Consequently 7:8 consider 7:12 8:11 10:10 considered 10:20 constructive 9:2 contacted 7:10 contemplating 20:18 contest 8:2 10:16 continue 8:11 16:18 17:6 21:12 continued 6:23 conversations 7:14 copies 9:9 correct 13:1 23:8 correctly 15:24 corresponding 17:4 cost 6:14 9:19 18:16

COUNCIL 3:16, 18 5:18

Counsel 4:9 18:6

costs 10:25

COUNTY 2:13 19:10 23:2 couple 15:25 17:12 course 19:19 CUB 7:14, 17 8:2, 8, 22, 22 10:4, 8, 13, 14, 15, 18, 23 11:5 12:16 13:23 14:5, 13 20:18, 20, 25 21:8 CUB's 9:2, 25 10:19 21:5 Cullen 3:2 curious 18:25 currently 7:21 customer 7:20 8:3, 4, 8, 20 9:22 10:16 15:16 17:1, 2 customers 6:13, 18 7:16, 25 8:1, 12, 15 9:8 10:6

<D> **DANE** 2:13 19:10 date 16:11, 20 19:25 20:2, 5 **DATED** 23:10 **DAVID** 2:14, 18 **DAY** 23:10 deadline 12:11 16:17 18:2 19:24 deal 21:20 decision 10:15 decrease 9:15 **DEFENSE** 3:16, 18 5:17 **definition** 18:9, 12 definitive 19:14 deliberative 7:13 demand 7:20, 21 15:13 depending 16:6 **describe** 6:4, 8 18:22 **described** 9:25 15:9 17:3 descriptive 13:16 deserve 7:7 design 7:12 8:6, 10, 19 9:19, 21 14:2 16:25 18:17 20:19 detail 18:8 details 14:8 **devote** 10:10 dialogue 11:15 different 9:13 digest 16:3 direct 8:24 9:12 12:9, 11 15:22 16:8, 12, 15 17:13 18:5, 21, 23 directed 13:23 directing 13:14 **Director** 4:2 7:9 discuss 20:13 discussed 12:10 14:2 17:12 19:7

Discussion 5:1 18:16 20:7 discussions 5:25 6:24 7:16 10:14 14:14 16:15 19:11 distributed 8:14 18:7 Docket 1:4 doing 6:8, 9 18:16 dollars 21:3 Doty 4:3 DR 16:18 draft 5:8, 18 Drive 3:13, 18 due 20:4

<E> East 3:22 4:3 EDWIN 2:4 effect 13:15 14:24 efficiently 19:12 eight 13:25 **ELECTRIC** 1:4, 5 2:3 6:14, 15 8:10, 13 11:1 enable 7:11 encourage 19:16 **ENERGY** 3:21 4:1, 3 9:14 17:5 **ENVIRONMENTAL** 2:8, 9 ERGS 17:15 **E's** 6:11 7:2, 16 10:5, 9, 12 12:8 18:6, 16 especially 15:4 everyone's 13:2 evidence 13:14 evolving 8:14 18:13 exactly 21:9, 12 **EXAMINER** 1:8 5:2, 14, 19 6:5, 10 9:17, 23 10:3 11:3, 9, 21, 25 12:7, *14*, *21* 13:*1*, *21* 14:22 15:18 16:8, 21 17:8, 23 18:1, 18 19:15 20:8 21:24 Executive 4:2 7:9 EXHIBITS 1:21 expect 12:9 21:11 expert 20:19 explain 6:22 exploration 7:5 explore 8:10 10:24 extent 17:3 21:18

<F>facilitating 5:5 20:12 fairly 6:13 9:7 10:24 faith 8:9 fashion 7:13 favor 16:20 feasible 7:6 feedback 9:3 Fifth 8:16

extraneous 13:12

file 8:17, 24 9:12 14:1 17:6 19:4, 17 21:21 filed 6:24 12:9, 13 16:24 20:18 filing 6:20, 21 7:18 16:11, 20 finally 8:24 find 11:13, 18 fine 5:23 21:24 firm 23:5 First 7:19 15:3, 25 16:5, 13 fixed 9:15 10:5 focused 7:12 following 7:17 8:16 foregoing 23:7 **forum** 13:11 forward 9:5 10:23 14:12 four 9:22 15:16 17:1 Fourth 8:8 free 12:23 **fully** 16:3 fully-fleshed-out 18:12 fund 21:2 funds 20:23 21:12 future 11:2

< G > GAS 1:4, 5 2:3 **generation** 8:14 18:7 give 18:8, 12 give-and-take 10:18 given 9:13 go 5:15 6:10 9:15 10:*3* 11:*9*, 25 13:*5*, 2*1* 14:12 goes 20:17 going 16:12 21:21 **good** 8:9 gotten 5:7 **Gramann** 1:16 23:5 great 16:17 grid 6:15 7:23 8:3, 13 9:10 10:16 17:2 18:15 **GROUP** 3:21 4:1, 3 groups 7:20 8:8, 21 15:16 guess 12:5, 8 16:10 20:20 21:14, 18, 19, 21

<H> Hall 3:13 Hamilton 2:10 harness 8:13 HEARING 1:19 20:1, 3 22:3 HEINZEN 3:22, 22 HELD 1:19 highly 11:13, 19 hold 19:20 Honor 5:23 13:18 15:20 16:22 19:9 20:6 **HUEBNER** 2:21 **HUGHES** 2:4 5:13, 23 6:7, 11 9:21 10:13 11:24 12:10, 20, 22 14:8 15:12 16:11, 22 17:11, 19, 21, 25 18:11 20:6

< I > IC 20:18, 21 21:16, 21 identified 21:9, 12 identify 5:4 Illinois 3:19 imperative 16:17 important 6:12, 16 7:6 9:6 10:11 impression 15:3 Incl 1:20 included 13:12 incorporated 18:14 increase 10:5, 8 17:4 increases 15:15 indication 21:4 indulge 6:9 **INDUSTRIAL** 3:21 4:1, 3 8:1 informed 11:22 12:3 initial 13:8 20:10 input 10:10 intend 14:5 intends 21:8 interested 19:22 interests 7:15 9:7 19:2 interject 16:14 intervened 5:11 **intervenor** 18:23, 25 21:1, 2, 7 intervenors 5:12, 20 11:17 14:6 16:9 20:23 21:17 involve 14:6 involvement 14:16 issue 15:1 20:24 21:22 issues 5:4, 16, 21, 22, 24, 25 6:2, 12, 16 7:1, 7, 12 8:19 9:6, 19 10:12 12:24 13:12 14:2 18:3, 19 20:14, 19 21:9, 18 items 17:13 its 6:20, 21, 22 7:18, 19, 23 8:6, 12, 25 9:8 10:15 13:15 20:18

< J >
JAMES 3:7
JEFF 3:2 4:10 11:10
Jodee 4:11
joint 19:4, 17
Judge 6:9
July 12:12, 12 16:11, 17, 20 17:24 18:21 23:10

discussing 14:10

June 1:20 Junior 2:15

<K>KATIE 2:24 keep 19:17 King 2:15 KIRA 3:7 KLEINMAIER 2:4 know 6:3 11:11 12:17 14:11, 14 15:11 16:4, 5 19:1, 22 20:16

< L > large 16:1 LAW 2:8, 9 3:22 Legal 3:12 4:9 levels 10:20 **limited** 17:16 limiting 14:24 Lincoln 3:13 list 5:12 listed 5:9 little 6:7 LLC 2:18 **LLP** 2:5 3:2 **LOEHR** 3:7 7:10 9:24 10:1, 4 20:25 longer 13:13 15:16, 17 look 9:5 13:9 looked 21:16 looking 12:18 looks 10:23 22:1 Luther 2:14 LYNN 1:16 23:4, 14

< M > machine 23:9 **MADISON** 1:4, 21 2:3, 6, 10, 15, 19, 25 3:3, 8, 14, 23 4:4 19:10 Main 2:24 maintain 8:13 making 16:2 Martin 2:14 matter 17:15 matters 5:5 20:13 McGillivray 2:18 mean 12:14 14:23 15:6 meet 8:12 memo 5:8 20:14 mentioned 13:24 14:17, MEP 4:6 Merit 23:4, 15 MERRITT 2:14 met 6:20 **MG** 5:23 6:11, 17, 20, 22 7:2, 8, 14, 16, 17, 19, 23 8:6, 8, 11, 17, 21, 22, 24 9:2 10:5, 9, 12, 15, 18, 23, 24 12:8, 16 13:8,

10, 14, 23 14:12 16:18 18:6, 16 21:8 MICHAEL 1:8 2:21 4:9 mid 16:11 middle 20:3, 5 Mifflin 3:22 **MILWAUKEE** 23:2, 6 mind 18:9 Minor's 17:22 moment 10:2 17:17 19:*14* Monday 20:7, 11 Monona 19:10 month 7:25 10:7, 8 months 8:10 13:25 move 5:16 18:20

< N >narrowed 13:9 narrowing 13:15 NATIONAL 3:16, 17 5:17 NATURAL 1:5 nearly 10:6, 8 necessarily 15:7 necessary 21:5 need 15:7 16:13 20:13 22:2 needs 21:11 NEKOLA 2:24 19:7 network 15:2 never 6:6 new 7:20 11:12 **NEWMARK** 1:8 5:2. 14, 19 6:5, 10 9:17, 23 10:3 11:3, 9, 21, 25 12:7, 14, 21 13:1, 21 14:22 15:18 16:8, 21 17:8, 23 18:1, 18 19:15 20:8 21:24 nine 8:9 13:25 **NORMAN** 3:12 12:2, 2 North 3:7, 18 23:6 notes 10:15 23:9 NRDC 5:10 13:19 number 6:12 19:1

<0>
objections 5:11
obligation 6:18
obligations 8:12
October 20:7, 11
Office 3:12
Oh 17:25
Okay 9:17, 23 11:3, 21
12:14, 21 13:1 14:22
15:18 16:21 17:8, 8
18:1, 18 19:15 20:8
21:24
once 16:2
open 14:10, 14

opponents 13:9 opportunity 15:4 21:6 options 7:6 order 20:22 21:5, 10 original 13:13 23:9 originally 15:8 outreach 6:23 outside 11:15 overlap 21:19

< P > **p.m** 1:22 22:3 **P.O** 2:6 PABELLON 2:14 19:9 **PAGES** 1:19 PAMELA 2:24 Pardon 17:19 part 13:13 16:1, 23 17:6 18:9 particular 19:3 parties 5:4, 6, 9, 15 6:1 11:14, 15, 21 12:23 13:5, 7 14:15 15:5 16:2 18:3 19:1, 2, 16, 22 21:6, 21 Paterson 2:19 pay 7:21 pension 17:14 **people** 5:11 **Peppey** 23:14 **PGA** 17:18, 20 **phone** 13:19 **Pines** 3:2 **plan** 20:21 Plankinton 23:6 play 6:19 point 12:19 14:1, 5 15:14 21:4, 5, 23 **POLICY** 2:8, 9 6:12 15:*1* position 8:23 10:19 12:24 18:12 **possibility** 10:7 19:5 **possibly** 17:13 potential 21:22 precedential 10:20 PREHEARING 1:11 5:3, 7 11:19 preliminary 19:11 prepare 16:19 **Present** 2:21 4:6 19:12 presentation 13:13 presentations 13:4, 8 presenting 12:25 presents 6:12 PRESIDING 1:8 preview 6:21 primarily 14:13 **prior** 12:12 probably 9:24 20:2, 4 problems 5:21

procedure 9:3 15:21

proceed 19:11

proceeding 6:2 7:22 8:5, 18, 23 10:21, 22 PROCEEDINGS 1:9 23:7 process 8:17 11:13 13:24 14:7, 9, 11 18:10 promptly 8:24 proposal 10:5 15:10 proposals 6:22 8:7 10:10 proposed 15:8 proposes 9:12 provide 6:18 20:19, 24 provides 6:15 providing 10:25 PSC's 19:13 PUBLIC 1:2, 21 6:17 purposes 20:7

< Q > question 7:3 13:20 18:5 20:15, 20 21:14 questions 21:25 quick 13:20

< R > raise 15:5 21:22 raised 10:12 raises 6:16 7:2 range 6:25 7:6 14:15 rate 6:11 7:4, 11, 12, 18 8:6, 10, 19 9:6, 19, 21 11:12 14:2 16:25 17:15 18:17 20:19 **RATES** 1:5 9:13 15:15 reached 8:21 reaction 10:1 read 12:5 really 14:23 15:9 18:11 reasonably 9:7 reasons 6:22 receive 21:6 received 9:4 20:22 21:2 receptive 7:8 recognize 6:25 record 5:1.3 12:5 recover 10:25 recovery 17:16 reduce 7:23 reduced 17:3 reducing 9:10 21:4 reflect 8:25 9:15 10:18 reflective 10:17 regard 15:5 regarding 6:17 17:14 18:7 regardless 20:25 REGENTS 3:10 relatively 11:12 reliable 6:14 8:13 11:1 remaining 21:3

RENEW 2:17

reopener 7:22 8:17, 19, 23 10:21 14:1, 17 replacement 15:24 reply 19:24 20:4 **Reported** 1:15 23:7 **Reporter** 23:5, 15 **Reporting** 1:16 23:5 representing 11:11 represents 16:11 request 7:19 12:17 requested 7:23 requests 16:18 require 9:11 requirement 9:14, 18 19:*19* residential 7:25 10:6 **RESOURCES** 3:16, 18 5:17 respecting 18:8 **respond** 13:10 16:3 restrict 8:22 result 7:16 10:12 revenue 9:14, 18 revise 20:21 **Rg-1** 7:25 8:4, 7, 20 **Rg-2** 7:25 8:4, 7, 20 right 5:14 12:7 17:21 18:20 19:24 20:2, 10, 12 21:25, 25 **Ripp** 4:10 risk 21:19 RITGER 2:24 RMR 1:16 23:4 **role** 6:17 Rosenbaum 2:5 **round** 16:1, 5, 7 18:23 rounds 19:23 **RPR** 1:16 run 13:3

< S > **S.C** 3:22 safe 10:25 SAMANTHA 3:17 13:*19* satisfied 17:9 schedule 5:5 16:10 17:9 18:20 19:2*1* scope 13:14 **Second** 7:23 see 12:8 14:20 16:13 20:17 seen 5:8 sense 13:8 15:13 20:4 September 16:9 serve 8:12 **serves** 7:15 **SERVICE** 1:2, 21 6:14, 18 7:24 8:3 9:11, 19 11:*1* 17:2 set 9:13 18:1 19:25 20:5, 10

settlement 17:15 shorthand 23:9 significance 7:1 **significant** 10:4 15:15 21:3 simplified 16:23 six 8:9 slightly 9:15 **small** 8:1 10:6 Solutions 4:6 soon 12:13 South 2:10, 19 Speaking 5:24 specific 16:25 **STAFF** 4:8 13:6 16:9, 14, 17 18:23 Stafford 2:4 stage 8:5 stakeholders 6:21, 25 9:4 **STATE** 23:1 **statement** 5:24 6:8 10:13 11:5 18:7 STEPHANIE 2:9 STEVEN 3:22 streamline 6:2 Street 2:10, 19, 25 3:8, 23 4:3 strictly 13:7, 22 **structure** 9:6 14:12 structured 14:15 STUART 4:2 subject 7:21 18:15 subsequent 7:13 substance 15:10, 21 sufficient 7:4 suggest 7:10 20:6 suggestion 19:13 suggestions 9:3 Suite 2:5, 10, 19, 25 3:3, 8, 18, 23 4:3 23:6 supplement 14:24 supplemental 8:24 9:12 12:8, 11 14:25 15:9, 21, 22 16:12, 15 17:13 18:21 **suppose** 15:6 18:22 19:18 sure 5:7 6:10 10:3 11:3 12:16 14:23 16:2 17:25 20:21 surprise 11:4 suspend 7:19 8:6 10:9 **SYSTEM** 3:11

<T> table 15:14 technologies 6:19 technology 18:14 teleconference 3:17 term 18:13 terms 5:6 9:25 11:25 12:8 13:3 15:*1*.3 18:24 20:12 21:16 test 7:22 8:18, 20 10:17 testifying 21:17 testimony 8:25 9:12 15:7, 23, 24 16:1, 5, 7, 19 17:14, 22 18:23, 25 19:4, 17 20:19, 24 Thank 14:20 17:22 Thanks 22:2 thing 16:24 think 11:13, 17, 18 12:20 13:25 15:2, 3, 8 16:22 17:17, 23 18:13 19:5 20:2, 25 21:*15* Third 8:6 time 6:3 7:3 10:11 16:2, *6*, *13* 18:*3* 20:*16* timely 16:19 **TODD** 4:2 topic 17:16, 16 TRANSCRIPT 1:9, 19 true 23:8 two 11:14 19:23 **TYLER** 2:21 **type** 7:5

V > understand 9:18 11:23 12:4 15:22, 23
 Understanding 14:4 undertake 7:4
 UNIVERSITY 3:10, 12 unusual 11:13, 20 use 6:16 18:6 21:12
 UTILITY 3:6 6:17 7:9 utilized 18:14

V > value 6:15 **VARDA** 4:9 5:17 13:6
14:23 16:14 17:18, 20
18:5 **VERCAUTEREN** 3:2
11:7, 10, 10 20:15 21:14 **VICKERMAN** 2:21
view 13:11, 16 21:19 **VOLUME** 1:10 19:18

<W> Wacker 3:18 wait 19:25 want 13:16 15:5 wanted 21:22 wants 9:9 Washington 2:5 3:3 way 19:4, 11 21:11 ways 6:1 10:24 well 5:6, 14 9:3 11:7 12:7, 10 15:12, 14, 18 16:8 17:8 18:11 19:15 20:10 22:1

We're 5:4 6:8, 8 14:10, *14* 16:*10* West 2:5, 24 3:3 Westerberg 2:18 Weston 3:2 we've 16:4 WILLIAMS 3:17 13:18, 19, 22 14:20 willingness 10:9 **WIND** 3:1 11:11, 11 **WIRES** 3:1 11:11, 12 **WISCONSIN** 1:2, 21 2:6, 10, 15, 17, 19, 23, 25 3:3, 6, 8, 11, 14, 21, 23 4:1, 2, 4 23:1, 6 Wisconsin-Madison 3:13 withdrawn 16:24 witnesses 15:25 wonder 19:22 work 8:8 10:11 14:11 17:9 21:8 worked 14:9 working 9:5 10:23 14:*13* world 6:19 WOYWOD 3:7 **WPDES** 17:15

<Y>Yeah 5:19 11:9 12:14 13:2, 21 14:22 17:21 year 7:22 8:18, 20 10:17